

## **§ 64.77**

- (a) Set pressure rating;
- (b) Rated flow capacity expressed as cubic feet of standard air (60 °F 14.7 psia) per minute and the pressure at which the flow capacity is determined;
- (c) Manufacturer's name and identifying number; and
- (d) Pipe size of inlet.

### **Subpart D [Reserved]**

### **Subpart E—Periodic Inspections and Tests of MPTs**

#### **§ 64.77 Inspection and test.**

For the handling and stowage requirements in § 98.30-3 of this chapter, each MPT must pass the following inspections and tests conducted by the owner or the owner's representative:

- (a) Pressure relief and vacuum relief devices must be inspected one time or more during each 12 month period of service in accordance with § 64.79.
- (b) An MPT must be inspected during the 30 months before any month in which it is in service in accordance with § 64.81.
- (c) An MPT must pass a hydrostatic test in accordance with § 64.83 during the 60 months before any month in which it is in service.
- (d) After each welded repair, an MPT must pass a hydrostatic test in accordance with § 64.83.

[CGD 73-172, 39 FR 22950, June 25, 1974, as amended by CGD 84-043, 55 FR 37410, Sept. 11, 1990]

#### **§ 64.79 Inspection of pressure and vacuum relief device.**

- (a) The inspection of the pressure and vacuum relief device required in § 64.77(a) must include—
  - (1) Disassembling;
  - (2) A visual inspection for defective parts; and
  - (3) A test of the accuracy of the pressure setting.
- (b) If the pressure and vacuum relief valve passes the inspection required in paragraph (a) of this section, the owner or his representative may attach to the device a metal tag containing the date of the inspection.

## **46 CFR Ch. I (10-1-03 Edition)**

#### **§ 64.81 30-month inspection of an MPT.**

- (a) The 30-month inspection of an MPT required in § 64.77(b) must include—
  - (1) An internal and external examination for—
    - (i) Corrosion;
    - (ii) Cracking of base material; and
    - (iii) Weld defects; and
  - (2) A visual inspection for defective parts and a manual operation of the gauging device, remote operating mechanism, and each valve, except the pressure relief device.
- (b) If the tank passes the inspection required in paragraph (a) of this section, the owner or his representative may stencil the date of the inspection on the MPT near the metal identification plate that is required in § 64.53 in durable and legible letters that are 1¼ inch in height or larger.

#### **§ 64.83 Hydrostatic test.**

- (a) The hydrostatic test required in § 64.77(c) includes—
  - (1) Closing each manhole and other openings by normal means of closure;
  - (2) Using wrenches or other tools that are used during normal operations to close the manhole and other openings;
  - (3) Using the same type of gaskets as used in service;
  - (4) If required for the inspection, removing tank insulation;
  - (5) Filling the tank with water and pressurizing to the test pressure indicated on the metal identification plate without leaking; and
  - (6) If fitted with an internal heating coil, the heating coil passing a hydrostatic test at a pressure of 200 psig or more or 50 percent or more above the rated pressure of the coil, whichever is greater.
- (b) If the tank passes the hydrostatic test required in paragraph (a) of this section, the owner or his representative may stamp the date of the test and his initials on the metal identification plate required in § 64.53.

### **Subpart F—Cargo Handling System**

#### **§ 64.87 Purpose.**

Each cargo-handling system required to satisfy § 98.30-25 or § 98.33-13 of this